Mannington Edge Guard
Safety Data Sheet
According To Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations
Revision Date: 6/12/2015
Date of issue: 5/18/2009

SECTION 1: IDENTIFICATION
1.1. Product Identifier
Product Form: Liquid
Product Name: MANNINGTON EDGE GUARD

1.2. Intended Use of the Product
Use of the substance/mixture: Adhesive

1.3. Name, Address, and Telephone of the Responsible Party
Mannington Mills, Inc.
P.O. Box 30 – Route 45
75 Mannington Mills Road
Salem, New Jersey 08079 U.S.A.
General Information: (856) 935-3000

1.4. Emergency Telephone Numbers
Emergency Numbers : Product/Medical Emergency Phone Number (24 Hours): (866) 359-5602
Transport Emergency:
Within the U.S. - CHEMTREC: (800) 424-9300
Outside the U.S. – CHEMTREC: +1-703-527-3887

SECTION 2: HAZARDS IDENTIFICATION
2.1. Classification of the Substance or Mixture
Classification (GHS-US)
Not a hazardous substance or mixture.

2.2. Label Elements
GHS-US Labeling
Hazard Pictograms (GHS-US) : None
Signal Word (GHS-US) : None
Hazard Statements (GHS-US) : None
Precautionary Statements (GHS-US) : None

2.3. Other Hazards

2.4. Unknown Acute Toxicity (GHS-US)

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS
3.1. Substance

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No hazardous ingredients</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES
4.1. Description of First Aid Measures
First-aid Measures General:
First-aid Measures After Inhalation: Move to fresh air in case of accidental inhalation of vapours.
Oxygen or artificial respiration if needed. Call a physician or poison control centre immediately.
First-aid Measures After Skin Contact: Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.

First-aid Measures After Eye Contact: In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Seek medical advice.

First-aid Measures After Ingestion:

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/Injuries: None known.

Symptoms/Injuries After Inhalation:

Symptoms/Injuries After Skin Contact:

Symptoms/Injuries After Eye Contact:

Symptoms/Injuries After Ingestion:

Chronic Symptoms:

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media

Suitable Extinguishing Media: Foam, Carbon dioxide (CO₂), ABC powder, Water mist

Unsuitable Extinguishing Media:

5.2. Special Hazards Arising From the Substance or Mixture

Fire Hazard:

Explosion Hazard:

Reactivity:

5.3. Advice for Firefighters

Precautionary Measures Fire: Burning produces irritant fumes. Exposure to decomposition products may be a hazard to health. Cool closed containers exposed to fire with water spray. Do not allow run-off from fire fighting to enter drains or water courses. Hazardous decomposition products due to incomplete combustion

Firefighting Instructions: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Protection During Firefighting: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Exposure to decomposition products may be a hazard to health.

Other Information:

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

General Measures: Use personal protective equipment. Ensure adequate ventilation. Material can create slippery conditions. Use non-slip safety shoes in areas where spills or leaks can occur.

6.1.1. For Non-emergency Personnel

Protective Equipment:

Emergency Procedures:

6.1.2. For Emergency Responders

Protective Equipment:

Emergency Procedures:

6.2. Environmental Precautions
6.3. Methods and Material for Containment and Cleaning Up

For Containment: Prevent further leakage or spillage if safe to do so.
Do not let product enter drains.
Do not allow contact with soil, surface or ground water.
Do not allow uncontrolled discharge of product into the environment.

Methods for Cleaning Up: Dam up.
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Sweep up and shovel. Pick up and transfer to properly labelled containers.
Clean contaminated floors and objects thoroughly while observing environmental regulations.

6.4. Reference to Other Sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Additional Hazards When Processed: The product is not flammable. No special protective measures against fire required.

Hygiene Measures: Wear personal protective equipment. Handle with care.
Take care to avoid waste and spillage when weighing, loading and mixing the product.

7.2. Conditions for Safe Storage, Including Any Incompatibilities

Technical Measures:
Storage Conditions: No smoking. Keep in properly labelled containers. Observe label precautions.

Incompatible Products:
Storage Temperature: Do not freeze. Keep away from food and drink. Keep away from tobacco products. 4 - 43 °C

7.3. Specific End Use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters: Contains no substances with occupational exposure limit values.

8.2. Exposure Controls

Appropriate Engineering Controls: Handle only in a place equipped with local exhaust (or other appropriate exhaust).
Maintain air concentrations below occupational exposure standards.

Personal Protective Equipment:

Materials for Protective Clothing:

Hand Protection: Impervious gloves

Eye Protection: Safety glasses with side-shields
Tightly fitting safety goggles
Face-shield

Skin and Body Protection: Chemical resistant apron
Footwear protecting against chemicals
Skin should be washed after contact.
Change working clothes after each workshift.

Respiratory Protection: No personal respiratory protective equipment normally required.
When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Use NIOSH approved respiratory protection.

Environmental Exposure Controls:
Consumer Exposure Controls: Avoid contact with skin. When using do not eat, drink or smoke. Personal protective equipment comprising: suitable protective gloves, safety goggles and protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Do not smoke. Keep away from food and drink. Avoid contact with skin, eyes and clothing. Change working clothes after each workshift. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical State</td>
<td>liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>white</td>
</tr>
<tr>
<td>Odor</td>
<td>mild, characteristic</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td></td>
</tr>
<tr>
<td>pH</td>
<td>7.5 - 8.5</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td></td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing Point</td>
<td></td>
</tr>
<tr>
<td>Boiling Point</td>
<td>212 °F</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt; 212 °F</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td></td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td></td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td></td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>similar to water</td>
</tr>
<tr>
<td>Relative Vapor Density at 20 °C</td>
<td></td>
</tr>
<tr>
<td>Relative Density</td>
<td>980 - 1,030 kg/m³</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td></td>
</tr>
<tr>
<td>Specific gravity / density</td>
<td></td>
</tr>
<tr>
<td>Solubility</td>
<td>insoluble</td>
</tr>
<tr>
<td>Partition Coefficient: N-Octanol/Water</td>
<td>No data available</td>
</tr>
</tbody>
</table>

9.2. Other Information

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>VOC content (g/l)</td>
<td>0 g/l (calculated)</td>
</tr>
<tr>
<td>Volatiles (wt %)</td>
<td>49 - 51% (as water)</td>
</tr>
</tbody>
</table>

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Stable

10.2. Chemical Stability:

10.3. Possibility of Hazardous Reactions: Stable under recommended storage conditions.

10.4. Conditions to Avoid: Protect from frost.

10.5. Incompatible Materials: Oxidizing agents. Strong acids and strong bases

10.6. Hazardous Decomposition Products: Carbon dioxide (CO2), carbon monoxide (CO), oxides of nitrogen (NOx), dense black smoke.
SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information On Toxicological Effects

Acute Toxicity: Remarks: This information is not available.
Skin Corrosion/Irritation: Remarks: This information is not available.
Serious Eye Damage/Irritation: Remarks: This information is not available.
Respiratory or Skin Sensitization: Remarks: This information is not available.
Germ Cell Mutagenicity: Remarks: This information is not available.
Carcinogenicity: Remarks: This information is not available.
Reproductive Toxicity: Remarks: This information is not available.
Specific Target Organ Toxicity (Single Exposure): Remarks: This information is not available.
Specific Target Organ Toxicity (Repeated Exposure): Remarks: This information is not available.
Aspiration Hazard: Remarks: This information is not available.
Symptoms/Injuries After Inhalation: Remarks: This information is not available.
Symptoms/Injuries After Skin Contact: Remarks: This information is not available.
Symptoms/Injuries After Eye Contact: Remarks: This information is not available.
Symptoms/Injuries After Ingestion: Remarks: This information is not available.
Chronic Symptoms: Remarks: This information is not available.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity: Remarks: No data available
12.2. Persistence and Degradability: Remarks: No data available

Persistence and Degradability

12.3. Bioaccumulative Potential: Remarks: No data available
12.4. Mobility in Soil: Remarks: No data available
12.5. Other Adverse Effects: Remarks: No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Sewage Disposal Recommendations: Do not dispose of waste into sewer.
Waste Disposal Recommendations: Can be landfilled or incinerated, when in compliance with local regulations.

Additional Information:

SECTION 14: TRANSPORT INFORMATION

14.1. In Accordance with DOT Not regulated as a dangerous good
Proper Shipping Name :
Hazard Class :
Identification Number :
Label Codes :
Packing Group :
ERG Number :

14.2. In Accordance with IMDG Not regulated as a dangerous good
Proper Shipping Name :
Hazard Class :
Identification Number :
Packing Group :
Label Codes :
EmS-No. (Fire) :
EmS-No. (Spillage) :
MFAG Number :

14.3. In Accordance with IATA Not regulated as a dangerous good
Proper Shipping Name :
Packing Group :
Identification Number :
Hazard Class :
Label Codes :
ERG Code (IATA) :
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SECTION 15: REGULATORY INFORMATION
15.1 US Federal Regulations

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION
Revision Date : 6/12/2015
Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases:

<table>
<thead>
<tr>
<th>SARA 302</th>
<th>No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.</th>
</tr>
</thead>
<tbody>
<tr>
<td>SARA 313</td>
<td>This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.</td>
</tr>
<tr>
<td>CA Prop 65</td>
<td>This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.</td>
</tr>
</tbody>
</table>

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)